



**Air Quality  
TIER I OPERATING PERMIT**

**State of Idaho  
Department of Environmental Quality**

**PERMIT No.:** T1-2008.0077

**FACILITY ID No.:** 011-00027

**AQCR:** 61

**CLASS:** A

**SIC:** 2034

**ZONE:** 12

**UTM COORDINATE (km):** 388, 4784

**1. PERMITTEE**

Nonpareil Corporation

**2. PROJECT**

Tier I Operating Permit

**3. MAILING ADDRESS**

40 N. 400 W. Groveland

**CITY**

Blackfoot

**STATE**

ID

**ZIP**

83221

**4. FACILITY CONTACT**

Brett Suthers

**TITLE**

Engineering Manager

**TELEPHONE**

(208) 785-5880

**5. RESPONSIBLE OFFICIAL**

Brett Suthers

**TITLE**

Engineering Manager

**TELEPHONE**

(208) 785-5880

**6. EXACT PLANT LOCATION**

3/4 of a mile due west of Blackfoot, Idaho

**COUNTY**

Bingham

**7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS**

Potato processing plant

**8. PERMIT AUTHORITY**

This Tier I operating permit is issued pursuant to the Rules for the Control of Air Pollution in Idaho, IDAPA 58.01.01.300 through 386. The permittee shall comply with the terms and conditions of this permit.

This permit incorporates all applicable terms and conditions of prior air quality permits issued by the Idaho Department of Environmental Quality (DEQ) for the permitted source, unless the permittee emits toxic pollutants subject to state-only requirements pursuant to IDAPA 58.01.01.210, and the permittee elects not to incorporate those terms and conditions into this operating permit.

The effective date of this permit is the date of signature by DEQ on the cover page.

MORRIE LEWIS, PERMIT WRITER

DEPARTMENT OF ENVIRONMENTAL QUALITY

MIKE SIMON, STATIONARY SOURCE PROGRAM MANAGER

DEPARTMENT OF ENVIRONMENTAL QUALITY

**DATE ISSUED:**

**DRAFT**

**DATE MODIFIED/AMENDED:**

**DATE EXPIRES:**

**DRAFT**

## Acronyms, Units, and Chemical Nomenclature

AQCR	Air Quality Control Region
ASTM	American Society for Testing and Materials
Btu/hr	British thermal units per hour
CAA	Clean Air Act
cfm	cubic feet per minute
CFR	Code of Federal Regulations
DEQ	Department of Environmental Quality
EPA	U.S. Environmental Protection Agency
gr/dscf	grains per dry standard cubic foot
IDAPA	a numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act
km	kilometers
lb/hr	pounds per hour
MMBtu/hr	million British thermal units per hour
MMscf	million standard cubic feet
NO <sub>2</sub>	nitrogen dioxide
NO <sub>x</sub>	nitrogen oxides
NSPS	New Source Performance Standards
PM	particulate matter
PM <sub>10</sub>	particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers
ppm	parts per million
PTC	Permit to Construct
PTE	potential to emit
scf	standard cubic feet
SIC	Standard Industrial Classification
SO <sub>2</sub>	sulfur dioxide
SO <sub>x</sub>	sulfur oxides
T/yr	tons per year
µg/m <sup>3</sup>	micrograms per cubic meter
U.S.C.	United States Code
UTM	Universal Transverse Mercator
VOC	volatile organic compounds

# AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-2008.0077

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<b>Location:</b>	<b>Blackfoot, Idaho</b>	

## 1. TIER I OPERATING PERMIT SCOPE

### *Purpose*

1.1 This Tier I operating permit establishes facility-wide requirements in accordance with the Idaho State Implementation Plan control strategy and the Rules.

1.2 This Tier I permit incorporates the following permit:

Permit to Construct No. P-2008.0057, issued June 13, 2008

### *Regulated Sources*

1.3 Table 1.1 lists all sources of regulated emissions in this Tier I operating permit.

**Table 1.1 SUMMARY OF REGULATED SOURCES**

<b>Permit Section</b>	<b>Source Description</b>	<b>Emissions Control</b>
2 & 3	East boiler, Nebraska Boiler Company, NS-C-50, 53.4 MMBtu/hr – Natural gas and No. 2 fuel oil	
2 & 3	West boiler, Erie City, SA60H-21, 40.5 MMBtu/hr - Natural gas and No. 6 fuel oil	
2 & 4	Scratch-Mash Dryers, Maxon 500/Carrier, 5.5 MMBtu/hr and 1,800 lb/hr output	
2 & 5	Scratch-mash material transfer	Scratch-mash baghouse, Mikropulsaire, 36 bag, 2,500 cfm
2	Scratch-mash air makeup, Hartzell, 5 MMBtu/hr	
2	Reblend-room air makeup, Hartzell, 1 MMBtu/hr	
2	Building No. 3 air makeup, Hartzell, 3 MMBtu/hr	
2	Building No. 4 air makeup, Hartzell, 10 MMBtu/hr	
2 & 5	Processing peeler exhaust, Odenberg, 5,000 lb/hr output	
2 & 5	Flaker No. 1, Blau-Knox, 1,250 lb/hr output	
2 & 5	Flaker No. 2, Blau-Knox, 1,250 lb/hr output	
2 & 5	Flaker No. 3, Blau-Knox, 1,000 lb/hr output	
2 & 5	Flaker No. 4, Blau-Knox, 1,000 lb/hr output	
2 & 5	Flaker No. 5, Blau-Knox, 1,000 lb/hr output	
2 & 5	Grinding circuit No. 1 material transfer	Grinding circuit No. 1 baghouse, Mikropulsaire, 36 Bag, 2,500 cfm
2 & 5	Starch plant material transfer	Starch plant baghouse, Mikropulsaire, 72 bag, 5,000 cfm
2 & 5	Grinding circuit No. 2 material transfer	Grinding circuit No. 2 baghouse, Mikropulsaire, 48 bag, 3,360 cfm
2 & 5	Flake material transfer	Flake baghouse, Mikropulsaire, 100 bag, 7,000 cfm
2	Dehydration North Boiler, Highlander 250-3, 10.5 MMBtu/hr	
2	Dehydration South boiler, Highlander 200-111, 8.4 MMBtu/hr	
2 & 4	Dehydration air dryer No. 1 A Stage, Proctor, 6.4 MMBtu/hr, 1,000 lb/hr output	

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<b>Permit Section</b>	<b>Source Description</b>	<b>Emissions Control</b>
2 & 4	Dehydration air dryer No. 1 B & C Stage, Proctor, 2.8 MMBtu/hr, 1,000 lb/hr output	
2 & 4	Dehydration air dryer No. 2 A Stage, Proctor, 6.4 MMBtu/hr, 1,000 lb/hr output	
2 & 4	Dehydration air dryer No. 2 B & C Stage, Proctor, 2.8 MMBtu/hr, 1,000 lb/hr output	
2 & 4	Dehydration air dryer No. 3 A stage, Proctor, 6.4 MMBtu/hr, 1,000 lb/hr output	
2 & 4	Dehydration air dryer No. 3 B & C stage, Proctor, 2.8 MMBtu/hr, 1,000 lb/hr output	
2 & 4	Dehydration air dryer No. 4 A stage, Proctor, 4.77 MMBtu/hr, 750 lb/hr output	
2 & 4	Dehydration air dryer No. 4 B stage, Proctor, 0.33 MMBtu/hr, 750 lb/hr output	
2 & 4	Dehydration air dryer No. 4 C stage, Proctor, 0.3 MMBtu/hr, 750 lb/hr output	
2 & 4	Dehydration air dryer No. 5 A stage, National, 10.4 MMBtu/hr, 1,200 lb/hr output	
2 & 4	Dehydration air dryer No. 5 B stage, National, 3.2 MMBtu/hr, 1,200 lb/hr output	
2 & 4	Dehydration air dryer No. 5 C stage, National, 3.3 MMBtu/hr, 1,200 lb/hr output	
2 & 4	Dehydration bin dryer, Nonpareil, 1,000 lb/hr output, heat from steam	
2	Wet area air makeup, Hartzell, 3.5 MMBtu/hr	
2	South dryer room air makeup, Hartzell, 5 MMBtu/hr	
2	South dryer room roof air makeup, Hartzell, 5 MMBtu/hr	
2	Inspection room roof air makeup, Hartzell, 3.5 MMBtu/hr	
2 & 4	Dehydration research dryer, Carrier, 0.88 MMBtu/hr, 125 lb/hr output	
2 & 5	Packaging material transfer	Packaging baghouse No. 1, Mikropulsaire, 9 Bag, 630 cfm
2 & 5	Packaging material transfer	Packaging baghouse No. 2, Mikropulsaire, 25 bag, 1,750 cfm
2 & 5	Crush-room material transfer	Crush-room baghouse No. 1, Mikropulsaire, 9 bag, 630 cfm
2 & 5	Crush-room material transfer	Crush-room baghouse No. 2, Mikropulsaire, 25 bag, 1,750 cfm
2 & 5	Dehydration steam peeler, Odenberg, 5,000 lb/hr output	

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### 2. FACILITY-WIDE CONDITIONS

The following table contains a summary of requirements that apply generally to emissions units at the facility.

**Table 2.1 APPLICABLE REQUIREMENTS SUMMARY**

<b>Permit Conditions</b>	<b>Parameter</b>	<b>Permit Limit/ Standard Summary</b>	<b>Applicable Regulatory Requirement</b>	<b>Monitoring and Recordkeeping Requirements</b>
2.1	Fugitive dust	Reasonable control	IDAPA 58.01.01.650-651 PTC No. P-2008.0057 <sup>a</sup>	2.2, 2.3, 2.4, 2.11
2.5	Odors	Reasonable control	IDAPA 58.01.01.775-776 PTC No. P-2008.0057 <sup>a</sup>	2.6, 2.11
2.7	Visible emissions	20% opacity for no more than three minutes in any 60-minute period	IDAPA 58.01.01.625 PTC No. P-2008.0057 <sup>a</sup>	2.8, 2.11
2.9	Excess emissions	Compliance with IDAPA 58.01.01.130-136	IDAPA 58.01.01.130-136	2.9, 2.11
2.10	Performance testing	Compliance with IDAPA 58.01.01.157	IDAPA 58.01.01.157	2.10, 2.11
2.13	Fuel-burning equipment	Gas – 0.015 gr/dscf Liquid – 0.050 gr/dscf	IDAPA 58.01.01.676-677 PTC No. P-2008.0057 <sup>a</sup>	2.13
2.14	Fuel oil sulfur content limit	ASTM Grade 1 fuel oil – 0.3% by weight; ASTM Grade 2 fuel oil – 0.5% by weight	IDAPA 58.01.01.728 PTC No. P-2008.0057 <sup>a</sup>	2.14, 2.11
2.15	Open burning	Compliance with IDAPA 58.01.01.600-617	IDAPA 58.01.01.600-617 PTC No. P-2008.0057 <sup>a</sup>	2.15
2.16	Renovation or demolition	Compliance with 40 CFR 61, Subpart M	40 CFR 61, Subpart M	2.16
2.17	Regulated substances	Regulated substances for accident release prevention	40 CFR 68.10(a)	2.17
2.18	Recycling And Emissions Reductions	Compliance with 40 CFR 82, Subpart F	40 CFR 82, Subpart F	2.18
2.19	Process Weight Limitations	Compliance with IDAPA 58.01.01.701 or 702	IDAPA 58.01.01.701-702 PTC No. P-2008.0057 <sup>a</sup>	2.19

a. Permit to Construct No. P-2008.0057 issued June 13, 2008 supersedes all previous permits to construct

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### ***Fugitive Dust***

- 2.1 All reasonable precautions shall be taken to prevent particulate matter from becoming airborne in accordance with IDAPA 58.01.01.650-651.  
[IDAPA 58.01.01.650-651, 5/1/94; PTC No. P-2008.0057, 05/09/07]
- 2.2 Unless specified elsewhere in this permit, the permittee shall monitor and maintain records of the frequency and the method(s) used (i.e., water, chemical dust suppressants, etc.) to reasonably control fugitive emissions.  
[IDAPA 58.01.01.322.06, 07, 5/1/94; PTC No. P-2008.0057, 05/09/07]
- 2.3 Unless specified elsewhere in this permit, the permittee shall maintain records of all fugitive dust complaints received. The permittee shall take appropriate corrective action as expeditiously as practicable after receipt of a valid complaint. The records shall include, at a minimum, the date each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.  
[IDAPA 58.01.01.322.06, 07, 5/1/94; PTC No. P-2008.0057, 05/09/07]
- 2.4 The permittee shall conduct a monthly facility-wide inspection of potential sources of fugitive dust emissions, during daylight hours and under normal operating conditions to ensure that the methods used to reasonably control fugitive dust emissions are effective. If fugitive dust emissions are not being reasonably controlled, the permittee shall take corrective action as expeditiously as practicable. The permittee shall maintain records of the results of each fugitive dust emissions inspection. The records shall include, at a minimum, the date of each inspection and a description of the following: the permittee's assessment of the conditions existing at the time fugitive emissions were present (if observed), any corrective action taken in response to the fugitive dust emissions, and the date the corrective action was taken.  
[IDAPA 58.01.01.322.06, 07, 5/1/94]

### ***Odors***

- 2.5 No person shall allow, suffer, cause, or permit the emission of odorous gases, liquids, or solids to the atmosphere in such quantities as to cause air pollution.  
[IDAPA 58.01.01.775-776 (state only), 5/1/94; PTC No. P-2008.0057, 05/09/07]
- 2.6 Unless specified elsewhere in this permit, the permittee shall maintain records of all odor complaints received. If the complaint has merit, the permittee shall take appropriate corrective action as expeditiously as practicable. The records shall include, at a minimum, the date each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.  
[PTC No. P-2008.0057, 05/09/07]

### ***Visible Emissions***

- 2.7 No person shall discharge any air pollutant to the atmosphere from any point of emission for a period or periods aggregating more than three minutes in any 60-minute period which is greater than 20% opacity as determined by procedures contained in IDAPA 58.01.01.625. These provisions shall not

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apply when the presence of uncombined water, nitrogen oxides, and/or chlorine gas are the only reason(s) for the failure of the emission to comply with the requirements of this section.

**[IDAPA 58.01.01.625, 4/5/00; PTC No. P-2008.0057, 05/09/07]**

- 2.8 Unless specified elsewhere in this permit, the permittee shall conduct monthly facility-wide inspection of potential sources of visible emissions during daylight hours and under normal operating conditions. The visible emissions inspection shall consist of a see/no see evaluation for each potential source. If any visible emissions are present from any point of emission, the permittee shall either take appropriate corrective action as expeditiously as practicable or perform a Method 9 opacity test in accordance with the procedures outlined in IDAPA 58.01.01.625. A minimum of 30 observations shall be recorded when conducting the opacity test. If opacity is greater than 20% for a period or periods aggregating more than three minutes in any 60-minute period, the permittee shall take all necessary corrective action and report the exceedance in its annual compliance certification and in accordance with IDAPA 58.01.01.130-136. The permittee shall maintain records of the results of each monthly visible emission inspection and each opacity test when conducted. The records shall include, at a minimum, the date and results of each inspection and test and a description of the following: the permittee's assessment of the conditions existing at the time visible emissions are present (if observed), any corrective action taken in response to the visible emissions, and the date corrective action was taken.

**[IDAPA 58.01.01.322.06, 07, 5/1/94; IDAPA 58.01.01.322.08, 4/5/00; PTC No. P-2008.0057, 05/09/07]**

### ***Excess Emissions***

#### ***Excess Emissions - General***

- 2.9 The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130-136 for excess emissions. The provisions of IDAPA 58.01.01.130-136 shall govern in the event of conflicts between Permit Condition 2.9 and the regulations of IDAPA 58.01.01.130-136.
- 2.9.1 The person responsible for or in charge of a facility during an excess emissions event shall, with all practicable speed, initiate and complete appropriate and reasonable action to correct the conditions causing the excess emissions event; to reduce the frequency of occurrence of such events; to minimize the amount by which the emission standard is exceeded; and shall, as provided below or upon request of DEQ, submit a full report of such occurrence, including a statement of all known causes, and of the scheduling and nature of the actions to be taken.

**[IDAPA 58.01.01.132, 4/5/00]**

#### ***Excess Emissions – Startup, Shutdown, Scheduled Maintenance***

- 2.9.2 In all cases where startup, shutdown, or scheduled maintenance of any equipment or emission unit is expected to result or results in an excess emissions event, the owner or operator of the facility or emissions unit generating the excess emissions shall demonstrate compliance with IDAPA 58.01.01.133.01(a) through (d), including, but not limited to, the following:

**[IDAPA 58.01.01.133, 4/5/00]**

- A prohibition of any scheduled startup, shutdown, or maintenance resulting in excess emissions shall occur during any period in which an Atmospheric Stagnation Advisory or a Wood Stove Curtailment Advisory has been declared by DEQ.

**[IDAPA 58.01.01.133.01.a, 3/20/97]**

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- Notifying DEQ of the excess emissions event as soon as reasonably possible, but no later than two hours prior to, the start of the event, unless the owner or operator demonstrates to DEQ's satisfaction that a shorter advance notice was necessary.  
[IDAPA 58.01.01.133.01.b, 4/5/00]

- The owner or operator of a source of excess emissions shall report and record the information required pursuant to Permit Conditions 2.9.4 and 2.9.5 and IDAPA 58.01.01.135 and 136 for each excess emissions event due to startup, shutdown, or scheduled maintenance.  
[IDAPA 58.01.01.133.01.c, 3/20/97]

*Excess Emissions – Upset, Breakdown, or Safety Measures*

- 2.9.3 In all cases where upset or breakdown of equipment or an emissions unit, or the initiation of safety measures, results or may result in an excess emissions event, the owner or operator of the facility or emissions unit generating the excess emissions shall demonstrate compliance with IDAPA 58.01.01.134.01(a) and (b) and the following:  
[IDAPA 58.01.01.134, 4/5/00]

- 2.9.3.1 For all equipment or emissions units from which excess emissions result during upset or breakdown conditions, or for other situations that may necessitate the implementation of safety measures which cause excess emissions, the facility owner or operator shall comply with the following:  
[IDAPA 58.01.01.134.02, 4/5/00]

- The owner or operator shall immediately undertake all appropriate measures to reduce and, to the extent possible, eliminate excess emissions resulting from the event and to minimize the impact of such excess emissions on the ambient air quality and public health.  
[IDAPA 58.01.01.134.02.a, 4/5/00]
- The owner or operator shall notify DEQ of any upset, breakdown, or safety event that results in excess emissions. Such notification shall identify the time, specific location, equipment or emissions unit involved, and (to the extent known) the cause(s) of the occurrence. The notification shall be given as soon as reasonably possible, but no later than 24 hours after the event, unless the owner or operator demonstrates to DEQ's satisfaction that the longer reporting period was necessary.  
[IDAPA 58.01.01.134.02.b, 4/5/00]

- The owner or operator shall report and record the information required pursuant to Permit Conditions 2.9.4 and 2.9.5 and IDAPA 58.01.01.135 and 136 for each excess emissions event caused by an upset, breakdown, or safety measure.  
[IDAPA 58.01.01.134.02.c, 3/20/97]

- 2.9.3.2 During any period of excess emissions caused by upset, breakdown, or operation under facility safety measures, DEQ may require the owner or operator to immediately reduce or cease operation of the equipment or emissions unit causing the period until such time as the condition causing the excess has been corrected or brought under control. Such action by DEQ shall be taken upon consideration of the factors listed in IDAPA 58.01.01.134.03 and after consultation with the facility owner or operator.  
[IDAPA 58.01.01.134.03 4/5/00]



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*Excess Emissions – Reporting and Recordkeeping*

- 2.9.4 A written report for each excess emissions event shall be submitted to DEQ by the owner or operator no later than 15 days after the beginning of such an event. Each report shall contain the information specified in IDAPA 58.01.01.135.02.

**[IDAPA 58.01.01.135.01 and 02, 3/20/97]**

- 2.9.5 The owner or operator shall maintain excess emissions records at the facility for the most recent five-calendar-year period. The excess emissions records shall be made available to DEQ upon request and shall include the information requested by IDAPA 58.01.01.136.03(a) and (b) as summarized in the following:

**[IDAPA 58.01.01.136.01, 02, 3/20/97; IDAPA 58.01.01.136.03, 4/5/00]**

- An excess emissions log book for each emissions unit or piece of equipment containing copies of all reports that have been submitted to DEQ pursuant to IDAPA 58.01.01.135 for the particular emissions unit or equipment; and

**[IDAPA 58.01.01.136.03.a, 4/5/00]**

- Copies of all startup, shutdown, and scheduled maintenance procedures and upset, breakdown, or safety preventative maintenance plans that have been developed by the owner or operator in accordance with IDAPA 58.01.01.133 and 134, and facility records as necessary to demonstrate compliance with such procedures and plans.

**[IDAPA 58.01.01.136.03.b, 3/20/97]**

***Performance Testing***

- 2.10 If performance testing (air emissions source test) is required by this permit, the permittee shall provide notice of intent to test to DEQ at least 15 days prior to the scheduled test date or shorter time period as approved by DEQ. DEQ may, at its option, have an observer present at any emissions tests conducted on a source. DEQ requests that such testing not be performed on weekends or state holidays.

All performance testing shall be conducted in accordance with the procedures in IDAPA 58.01.01.157. Without prior DEQ approval, any alternative testing is conducted solely at the permittee's risk. If the permittee fails to obtain prior written approval by DEQ for any testing deviations, DEQ may determine that the testing does not satisfy the testing requirements. Therefore, at least 30 days prior to conducting any performance test, the permittee is encouraged to submit a performance test protocol to DEQ for approval. The written protocol shall include a description of the test method(s) to be used, an explanation of any or unusual circumstances regarding the proposed test, and the proposed test schedule for conducting and reporting the test.

Within 30 days following the date in which a performance test required by this permit is concluded, the permittee shall submit to DEQ a performance test report. The written report shall include a description of the process, identification of the test method(s) used, equipment used, all process operating data collected during the test period, and test results, as well as raw test data and associated documentation, including any approved test protocol.

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The proposed test date(s), test date rescheduling notice(s), compliance test report, and all other correspondence shall be sent to the following address:

Air Quality Permit Compliance  
Department of Environmental Quality  
Pocatello Regional Office  
444 Hospital Way #300  
Pocatello, ID 83201  
Phone: (208) 236-6160

Fax: (208) 236-6168

[IDAPA 58.01.01.157, 4/5/00; IDAPA 58.01.01.322.06, 08.a, 09, 5/1/94; PTC No. P-2008.0057, 05/09/07]

### ***Monitoring and Recordkeeping***

- 2.11 The permittee shall maintain sufficient records to assure compliance with all of the terms and conditions of this operating permit. Records of monitoring information shall include, but not be limited to, the following: (a) the date, place, and times of sampling or measurements; (b) the date analyses were performed; (c) the company or entity that performed the analyses; (d) the analytical techniques or methods used; (e) the results of such analyses; and (f) the operating conditions existing at the time of sampling or measurement. All monitoring records and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes, but is not limited to, all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. All records required to be maintained by this permit shall be made available in either hard copy or electronic format to DEQ representatives upon request.

[IDAPA 58.01.01.322.07, 5/1/94]

### ***Reports and Certifications***

- 2.12 Any reporting required by this permit, including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certifications, shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete. Any reporting required by this permit shall be submitted to the following:

Air Quality Permit Compliance  
Department of Environmental Quality  
Pocatello Regional Office  
444 Hospital Way #300  
Pocatello, ID 83201  
Phone: (208) 236-6160  
Fax: (208) 236-6168

[IDAPA 58.01.01.322.08, 11, 5/1/94; PTC No. P-2008.0057, 05/09/07]

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All periodic reports and certifications required by this permit shall be submitted to DEQ within 30 days of the end of each specified reporting period. The periodic compliance certification required by General Provision 21 shall also be submitted within 30 days of the end of the specified reporting period to:

EPA Region 10  
Air Operating Permits, OAQ-107  
1200 Sixth Ave.  
Seattle, WA 98101

[IDAPA 58.01.01.322.08 11, 5/1/94]

### ***Fuel-Burning Equipment***

- 2.13 The permittee shall not discharge to the atmosphere from any fuel-burning equipment PM in excess of 0.015 gr/dscf of effluent gas corrected to 3% oxygen by volume for gas and 0.050 gr/dscf of effluent gas corrected to 3% oxygen by volume for liquid.

[IDAPA 58.01.01.676-677, 5/1/94; PTC No. P-2008.0057, 05/09/07]

### ***Sulfur Content***

- 2.14 The permittee shall not sell, distribute, use, or make available for use any distillate fuel oil containing more than the following percentages of sulfur:

ASTM Grade 1 fuel oil - 0.3% by weight.  
ASTM Grade 2 fuel oil - 0.5% by weight.

[IDAPA 58.01.01.728, 5/1/94]

- 2.14.1 The permittee shall maintain documentation of supplier verification of fuel oil sulfur content on an as-received basis.

[IDAPA 58.01.01.322.06, 5/1/94]

### ***Open Burning***

- 2.15 The permittee shall comply with the requirements of IDAPA 58.01.01.600-616, Rules for Control of Open Burning.

[IDAPA 58.01.01.600-616, 3/30/07; PTC No. P-2008.0057, 05/09/07]

### ***Renovation/Demolition***

- 2.16 The permittee shall comply with all applicable portions of 40 CFR 61, Subpart M when conducting any renovation or demolition activities at the facility.

[40 CFR 61, Subpart M]

### ***Regulated Substances for Accidental Release Prevention***

- 2.17 An owner or operator of a stationary source that has more than a threshold quantity of a regulated substance in a process, as determined under 40 CFR 68.115, shall comply with the requirements of the Chemical Accident Prevention Provisions at 40 CFR 68 no later than the latest of the following dates:

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- Three years after the date on which a regulated substance is present above a threshold quantity is first listed under 40 CFR 68.130.
- The date on which a regulated substance is first present above a threshold quantity in a process.  
[40 CFR 68.10(a)]

### ***Recycling and Emissions Reductions***

- 2.18 The permittee shall comply with applicable standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, Recycling and Emissions Reduction.  
[40 CFR 82, Subpart F]

### ***Process Weight Limitations***

- 2.19 The permittee shall not emit PM to the atmosphere from any process or process equipment in excess of the amount shown by the equations in IDAPA 58.01.01.701 or 702, whichever is applicable.  
[IDAPA 58.01.01.700-702, 4/5/00; PTC No. P-2008.0057, 05/09/07]

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### 3. EAST AND WEST PROCESSING BOILERS

#### *Summary Description*

The following is a narrative description of the boilers that are regulated in this Tier I operating permit. This description is for informational purposes only.

The primary purpose of the east and west processing boilers is to provide steam for processes. The west processing boiler was relocated, but not modified, in 1992. The east processing boiler was constructed in 1998.

Table 3.1 describes the devices used in controlling emissions from the sources regulated in this permit.

**Table 3.1 EAST AND WEST BOILER DESCRIPTION**

Emissions Unit / Process		Emissions Control Device
East Processing Boiler		Low-NO <sub>x</sub> (30ppm) burner for natural gas
Manufacturer:	Nebraska Boiler Company	
Model:	NS-C-50	
Construction date:	1998 (NSPS)	
Design capacity:	53.4 MMBtu/hr, 340 gal/hr #2 fuel oil	
Maximum operation:	8,760 hr/yr	
Fuel types:	natural gas, #2 fuel oil	
Fuel consumption:	52,360 scf/hr natural gas 2,533,000 gal/yr #2 fuel oil	
West Processing Boiler		None
Manufacturer:	Erie City	
Model:	SA60H-21	
Construction date:	1962 (non-NSPS)	
Design capacity:	40.5 MMBtu/hr 270 gal/hr #6 fuel oil	
Maximum operation:	8,760 hr/yr	
Fuel types:	natural gas, #6 fuel oil	
Fuel consumption:	39,705 scf/yr natural gas 2,011,500 gal/yr #6 fuel oil	

Table 3.2 contains only a summary of the requirements that apply to the boilers. Specific permit requirements are listed below Table 3.2.

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**Table 3.2 APPLICABLE REQUIREMENTS SUMMARY**

Permit Conditions	Affected Unit	Parameter	Permit Limit/ Standard Summary	Applicable Requirements Reference	Monitoring and Recordkeeping Requirements
3.1	East and west boilers combined	PM <sub>10</sub> emissions (combined)	5.52 lb/hr and 21.01 T/yr <sup>c</sup>	PTC No. P-2008.0057 <sup>a</sup>	3.12, 3.14, 3.15, 3.20, 3.21
		SO <sub>2</sub> emissions (combined)	66.57 lb/hr and 248.02 T/yr <sup>c</sup>		
		Nickel emissions (combined)	175 lb/yr <sup>b</sup>		
3.2	East boiler	Opacity	20% opacity (6-minute average)	40 CFR 60.43c, 40 CFR 60.45c, PTC No. P-2008.0057 <sup>a</sup>	3.11, 3.14, 3.19, 3.20, 3.21
3.3	East and west boilers	Stack height	60 ft prior to combusting fuel oil	PTC No. P-2008.0057 <sup>a</sup>	3.12, 3.20, 3.21
3.4	East boiler	Fuel type	Natural gas or No. 2 fuel oil	PTC No. P-2008.0057 <sup>a</sup>	3.4
	West boiler	Fuel type	Natural gas or No. 6 fuel oil		
3.5	East boiler	Fuel sulfur content	0.5 wt % sulfur	40 CFR 60.42c, 40 CFR 60.44c, 40 CFR 60.48c, PTC No. P-2008.0057 <sup>a</sup>	3.5, 3.15, 3.17, 3.19
3.6	West boiler	Fuel sulfur and ash content	1.55 wt % sulfur and sulfur and ash content recorded during performance test	PTC No. P-2008.0057 <sup>a</sup>	3.12, 3.16, 3.20, 3.21
3.7	West boiler	Fuel nickel content	0.074 lb/1,000 gal nickel content	PTC No. P-2008.0057 <sup>a</sup>	3.7, 3.22
3.8	East and west boilers	Operating hours	Only one boiler at a time to combust fuel oil	PTC No. P-2008.0057 <sup>a</sup>	3.17
			Operating hours shall not exceed 7,450 hr/yr (combined)		
3.9	West boiler	No. 6 fuel oil usage	270 gal/hr and 2,011,500 gal/yr	PTC No. P-2008.0057 <sup>a</sup>	3.12, 3.17, 3.18
	East boiler	No. 2 fuel oil usage	340 gal/hr and 2,533,000 gal/yr		
	East and west boilers combined	Fuel oil usage (combined)	2,533,000 gal/yr (combined)		
3.10	East and west boilers combined	Natural gas usage (combined)	806.5 MMscf/yr (combined)	PTC No. P-2008.0057 <sup>a</sup>	3.18
3.13	West boiler	Fuel emulsifier usage	shall be used at same rate as most recent performance test	PTC No. P-2008.0057 <sup>a</sup>	3.23

a. Permit to Construct No. P-2008.0057 issued June 13, 2008 supersedes all previous permits to construct

b. pounds per any consecutive 12-calendar month period

c. tons per any consecutive 12-calendar month period.

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## ***Emissions Limits***

### 3.1 Emission Limits

The PM<sub>10</sub> emissions from the east and west processing boiler stacks combined shall not exceed 5.52 pounds per hour (lb/hr) or 21.01 tons per any consecutive 12-month period.

The SO<sub>2</sub> emissions from the east and west processing boiler stacks combined shall not exceed 66.57 pounds per hour (lb/hr) or 248.02 tons per any consecutive 12-month period.

The nickel emissions from the east and west boiler stacks combined shall not exceed 175 pounds per any consecutive 12-month period.

**[proposed][PTC No. P-2008.0057, 05/09/07]**

### 3.2 East Processing Boiler Particulate Matter Emission Limits – NSPS

The permittee shall comply with the applicable emission limitations and requirements of 40 CFR 60, Subpart Dc – Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units.

- On and after the date on which the initial performance test is completed or required to be completed, whichever date comes first, no owner or operator of an affected facility that combusts coal, wood, or oil and has a heat input capacity of 30 MMBtu/hr or greater shall cause to be discharged into the atmosphere from that affected facility any gases that exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity, in accordance with 40 CFR 60.43c(c).
- The opacity standards under this section apply at all times, except during periods of startup, shutdown, or malfunction, in accordance with 40 CFR 60.43c(d).

**[proposed][PTC No. P-2008.0057, 05/09/07; 40 CFR 60.43c]**

## ***Operating Requirements***

### 3.3 Stack Height

Prior to combusting any type of fuel oil in the east and west boilers, the height of each boiler exhaust stack shall be at least 60 feet above ground level elevation.

**[proposed] [PTC No. P-2008.0057, 05/09/07]**

### 3.4 Fuel Type Limits

The east boiler shall only be fueled on natural gas or No. 2 fuel oil.

The west boiler shall only be fueled on natural gas or No. 6 fuel oil.

**[proposed][PTC No. P-2008.0057, 05/09/07]**

### 3.5 East Processing Boiler Fuel Sulfur Limits – NSPS

The permittee shall comply with the applicable emission limitations and requirements of 40 CFR 60, Subpart Dc – Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units.

- No owner or operator of an affected facility that combusts oil shall combust oil in the affected facility that contains greater than 0.5 weight percent sulfur, in accordance with 40 CFR 60.42c(d).

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- Compliance with fuel oil sulfur limits may be determined based on a certification from the fuel supplier as described in 40 CFR 60.48c(f), in accordance with 40 CFR 60.42c(h).
- The fuel oil sulfur limits apply at all times, including periods of startup, shutdown, and malfunction, in accordance with 40 CFR 60.42c(i).

**[proposed][PTC No. P-2008.0057, 05/09/07; 40 CFR 60.42c]**

**3.6**      **Fuel Sulfur and Ash Limits**

The No. 6 residual fuel oil sulfur content shall not exceed the lesser of 1.55% sulfur by weight or the highest values recorded during a performance test which demonstrated compliance with Permit Conditions 2.7, 2.13, and 3.1. The residual fuel oil ash content shall not exceed the highest values recorded during a performance test which demonstrated compliance with Permit Conditions 2.7, 2.13, and 3.1.

**[proposed][PTC No. P-2008.0057, 05/09/07]**

**3.7**      **Nickel in Residual Fuel**

The fuel oil combusted in the boilers shall contain no more than 0.074 pounds of nickel by weight per 1,000 gallons of fuel. A sample of the No. 6 fuel oil shall be taken of each shipment of oil and analyzed to determine the nickel content.

**[proposed][PTC No. P-2008.0057, 05/09/07]**

**3.8**      **Boiler Operation**

Only one boiler shall combust fuel oil at any time. When the east boiler is combusting No. 2 fuel oil, the west boiler shall only combust natural gas. When the west boiler is combusting No. 6 fuel oil, the east boiler shall only combust natural gas.

The combined hours of operation combusting fuel oils in the east and west boilers shall not exceed 7,450 hours per any consecutive 12-month period.

**[proposed][PTC No. P-2008.0057, 05/09/07]**

**3.9**      **Fuel Oil Usage**

The west boiler No. 6 fuel oil usage shall not exceed 270 gallons per hour and 2,011,500 gallons per any consecutive 12-month period.

The east boiler No. 2 fuel oil usage shall not exceed 340 gallons per hour and 2,533,000 gallons per any consecutive 12-month period.

The east and west boilers combined fuel oil usage (including No. 2 and No. 6 fuel oils) shall not exceed 2,533,000 gallons per any consecutive 12-month period.

**[proposed][PTC No. P-2008.0057, 05/09/07]**

**3.10**      **Natural Gas Usage**

The east and west boilers combined natural gas usage shall not exceed 806.5 MMscf per any consecutive 12-month period.

**[proposed][PTC No. P-2008.0057, 05/09/07]**



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### 3.11 East Processing Boiler Performance Test – NSPS

The permittee shall comply with the applicable emission limitations and requirements of 40 CFR 60, Subpart Dc – Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units.

- The owner or operator of an affected facility subject to the opacity standards in Permit Condition 3.2 shall conduct an initial performance test as required under 40 CFR 60.8, and shall conduct subsequent performance tests as requested by DEQ or the Administrator, to determine compliance with the standards using the following procedures and reference methods, in accordance with 40 CFR 60.45c(a).
  - Method 9 of appendix A of 40 CFR 60 (6-minute average of 24 observations) shall be used for determining the opacity of stack emissions.
- The owner or operator of an affected facility seeking to demonstrate compliance under 40 CFR 60.43c(e)(4) shall follow the applicable procedures under §60.48c(f), in accordance with §60.45c(d).

**[proposed][PTC No. P-2008.0057, 05/09/07; 40 CFR 60.45c]**

### 3.12 PM and PM<sub>10</sub> Performance Test

Within 60 days of achieving the maximum production rate of the boiler when firing no. 6 fuel oil, the permittee shall conduct a performance test to measure PM and PM<sub>10</sub> emissions from the boiler stack, when firing No. 6 fuel oil, to demonstrate compliance with the PM emission limits in Permit Conditions 2.7 and 2.13 and the PM<sub>10</sub> emissions limit in Permit Condition 3.1. The test shall be conducted in accordance with the procedures outlined in 40 CFR 60, Appendix A, Method 5 and Method 202, or a DEQ-approved alternative. The initial performance test, and any subsequent performance tests conducted to demonstrate compliance, shall be performed in accordance with IDAPA 58.01.01.157, Section 2 of this permit. In addition, the following information shall be recorded during each performance test run and included in the performance test report:

- The boiler shall be operated at the worst case normal production rate during the performance test. A description of how this requirement was met shall be included in the performance test report.
- Visible emissions shall be observed and recorded using the methods specified in IDAPA 58.01.01.625.
- The fuel throughput shall be recorded (e.g. gal/hr for oil and cubic feet/hr for natural gas).
- The average steam production rate of the boiler shall be recorded in pounds per hour and pounds per square inch.
- Usage rate of emulsifier used in pounds per 1,000 gallons of No. 6 fuel combusted during the test.

In addition, a fuel sample shall be taken during the test and analyzed for sulfur and ash content.

After the initial performance test, future testing shall be performed once per year when firing on No. 6 fuel oil. For calendar years when No. 6 fuel oil is not used, no test is required.

**[proposed][PTC No. P-2008.0057, 05/09/07]**

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3.13 Use of Emulsifier

If an emulsifier is used in a boiler during a performance test that demonstrated compliance with all applicable requirements, that emulsifier shall be used at all times when burning residual fuel in the boiler. The emulsifier shall be used at least at the same rate as was used in the most recent compliance test.

[proposed][PTC No. P-2008.0057, 05/09/07]

3.14 Boiler O&M Manual

The permittee shall have developed an O&M manual for the east and west boilers. The manual shall incorporate procedures and information to demonstrate that the boilers are operated and maintained to ensure that the combustion of fuel oil in the boilers will occur as it did during the source test(s) which demonstrated compliance with all applicable permit conditions. At a minimum the following items shall be addressed in the manual:

- For each boiler, include an inspection checklist which lists items that will be periodically inspected while the system is operating. The checklist shall include, but not be limited to, boiler nozzle cleaning and inspection. Describe how often these operational inspections will be performed. These inspections should be done at least weekly when using No. 6 oil.
- Describe periodic planned maintenance.

A copy of the initial O&M manual, and any subsequent revisions, shall be submitted to DEQ.

[proposed][PTC No. P-2008.0057, 05/09/07]

## ***Monitoring, Recordkeeping, and Reporting Requirements***

3.15 East Processing Boiler Fuel Sulfur Certification – NSPS

The permittee shall comply with the applicable emission limitations and requirements of 40 CFR 60, Subpart Dc – Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units.

- Where the owner or operator seeks to demonstrate compliance with the SO<sub>2</sub> standards based on fuel supplier certification, the performance test shall consist of the certification, the certification from the fuel supplier, as described under 40 CFR 60.48c(f), in accordance with 40 CFR 60.44c(h).

[proposed][PTC No. P-2008.0057, 05/09/07; 40 CFR 60.44c]

3.16 Sulfur and Ash in Residual Fuel

The permittee shall maintain records of the sulfur and ash content of the residual fuel oil, as received, used in the west boiler. In addition, once per calendar month, while the boiler is firing residual fuel oil, the permittee shall test the residual fuel oil sulfur content and ash content using test methods specified in ASTM D 396 – 02a or DEQ approved alternative test methods. A compilation of the most recent two years of monitoring data shall be maintained on site and made available to DEQ representatives upon request.

[proposed][PTC No. P-2008.0057, 05/09/07]

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3.17 Fuel Oil Usage

The permittee shall monitor and record the gallons of fuel oil burned each hour in the east and the west boilers, individually. To demonstrate that the east and west boilers are not burning fuel oil at the same time, the permittee shall record the date and time that each boiler begins and ends burning fuel oil. The most recent two years' compilation of data shall be kept onsite and shall be made available to DEQ representatives upon request.

[proposed][PTC No. P-2008.0057, 05/09/07]

3.18 Natural Gas Throughput

The permittee shall monitor and record the amount of natural gas used in both boilers in million standard cubic feet each month and for the most recent 12-month period. The most recent two years' compilation of data shall be kept onsite and shall be made available to DEQ representatives upon request.

[proposed][PTC No. P-2008.0057, 05/09/07]

3.19 Reporting and Recordkeeping – NSPS

The permittee shall comply with the applicable emission limitations and requirements of 40 CFR 60, Subpart Dc – Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units.

- The owner or operator of each affected facility shall submit notification of the date of construction or reconstruction and actual startup, as provided by 40 CFR 60.7 and in accordance with 40 CFR 60.48c(a). This notification shall include:
  - The design heat input capacity of the affected facility and identification of fuels to be combusted in the affected facility.
  - The annual capacity factor at which the owner or operator anticipates operating the affected facility based on all fuels fired and based on each individual fuel fired.
- The owner or operator of each affected facility subject to the SO<sub>2</sub> emission limits in Permit Condition 3.5, or the opacity limits in Permit Condition 3.2, shall submit to DEQ the performance test data from the initial and any subsequent performance tests in accordance with 40 CFR 60.48c(b).
- The owner or operator of each oil-fired affected facility subject to the opacity limits in Permit Condition 3.2 shall submit excess emission reports for any excess emissions from the affected facility that occur during the reporting period in accordance with 40 CFR 60.48c(c).
- The owner or operator of each affected facility subject to fuel oil sulfur limits in Permit Condition 3.5 shall submit reports to DEQ in accordance with §60.48c(d).
- The owner or operator of each affected facility subject to fuel oil sulfur limits in Permit Condition 3.5 shall keep records and submit reports, including records of fuel supplier certification in accordance with §60.48c(e). In addition to records of fuel supplier certifications, the report shall include a certified statement signed by the owner or operator of the affected facility that the records of fuel supplier certifications submitted represent all of the fuel combusted during the reporting period.
- Fuel supplier certification shall include the following information for distillate oil in accordance with 40 CFR 60.48c(f):

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- The name of the oil supplier;
- A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR 60.41c; and
- The sulfur content of the oil.
- In accordance with §60.48c(g), the owner or operator of each affected facility shall record and maintain records of the amount of each fuel combusted during each operating day.
  - As an alternative, the owner or operator of an affected facility that combusts only natural gas, fuels using fuel certification to demonstrate compliance with the SO<sub>2</sub> standard, fuels not subject to an emissions standard (excluding opacity), or a mixture of these fuels may elect to record and maintain records of the amount of each fuel combusted during each calendar month.
  - As an alternative, the owner or operator of an affected facility or multiple affected facilities located on a contiguous property unit where the only fuels combusted in any steam generating unit (including steam generating units not subject to this subpart) at that property are natural gas, wood, distillate oil meeting the most current requirements in 40 CFR 60.42c to use fuel certification to demonstrate compliance with the SO<sub>2</sub> standard, and/or fuels, excluding coal and residual oil, not subject to an emissions standard (excluding opacity) may elect to record and maintain records of the total amount of each steam generating unit fuel delivered to that property during each calendar month.
  - All records required under this section shall be maintained by the owner or operator of the affected facility for a period of two years following the date of such record in accordance with §60.48c(i).
  - The reporting period for any reports required is each six-month period in accordance with 40 CFR 60.48c(j). All reports shall be submitted to DEQ and shall be postmarked by the 30th day following the end of the reporting period.

**[proposed][PTC No. P-2008.0057, 05/09/07; 40 CFR 60.48c]****3.20 Performance Test Protocol**

The permittee is encouraged to submit a test protocol to DEQ for approval at least 30 days prior to the performance tests required in Permit Conditions 3.11 and 3.12 to DEQ for approval at least 30 days prior to the test days. If the permittee fails to obtain prior written approval by DEQ for any testing deviations, DEQ may determine that the test does not satisfy the testing requirements.

**[proposed][PTC No. P-2008.0057, 05/09/07]****3.21 Performance Test Report**

The permittee shall submit a report of the results of the performance tests required in Permit Conditions 3.11 and 3.12, including all required process data, to DEQ within 30 days after the date on which the stack sampling is concluded.

**[proposed][PTC No. P-2008.0057, 05/09/07]**

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3.22 Nickel Sampling Results

The permittee shall maintain all reports of the results of the nickel sampling required in Permit Condition 3.7 on site and shall be made available to DEQ representatives upon request. If the results of a sample show an exceedance of the nickel limit in Permit Condition 3.7, the permittee shall submit a report to DEQ within 30 days after the date on which the sampling is concluded.

**[proposed][PTC No. P-2008.0057, 05/09/07]**

3.23 Emulsifier Use

The permittee shall record the amount of emulsifier used for the boilers each day in pounds per 1,000 gallons of No. 6 fuel oil used when emulsifier is used. The most recent two years' compilation of data shall be kept onsite and shall be made available to DEQ representatives upon request.

**[proposed][PTC No. P-2008.0057, 05/09/07]**

3.24 General Provisions – NSPS

Generally applicable reporting, record keeping and notification requirements of Subpart A of the New Source Performance Standards (NSPS, 40 CFR 60) are included in Table 3.3. These summaries are provided to highlight the notification and record keeping requirements of 40 CFR 60 for affected facilities, and are not intended to be a comprehensive listing of all general provisions requirements that may apply.

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**Table 3.3 NSPS SUBPART A (40 CFR 60) SUMMARY OF GENERAL PROVISIONS FOR AFFECTED FACILITIES**

Section	Section Title	Summary of Section Requirements
60.4	Address	All notifications and reports shall be submitted to: Pocatello Regional Office Department of Environmental Quality 444 Hospital Way #300 Pocatello, ID 83201
60.7(b),(c)(d) and (f)	Notification and Record Keeping	<ul style="list-style-type: none"> <li>• Notification of commencement of construction postmarked no later than 30 days of such date.</li> <li>• Notification of startup postmarked within 15 days of such date.</li> <li>• Notification of physical or operational change that may increase emissions postmarked 60 days before the change is made.</li> <li>• Maintain records of the occurrence and duration of any: startup, shutdown or malfunction of the affected source; malfunction of air pollution control device; and any period when a continuous monitoring system or monitoring device is inoperative.</li> <li>• For affected units with continuous monitoring device requirements report excess emissions and monitoring system performance semiannually, postmarked by January 30<sup>th</sup> and July 30<sup>th</sup> (in the format required by NSPS).</li> <li>• Maintain in a permanent form records suitable for inspection of all measurements, system testing, performance measurements, calibration checks, and adjustments/maintenance performed. Records shall be maintained for a period of two years from the date the record is required to be generated by the applicable regulation.</li> <li>• CEMS record keeping requirements depending on whether data is automatically or manually recorded - 40 CFR 60.7(f).</li> </ul>
60.8	Performance Tests	<ul style="list-style-type: none"> <li>• The owner or operator shall provide notice at least 30 days prior to any performance test to afford an opportunity for an observer to be present during testing.</li> <li>• Within 60 days of achieving maximum production, but not later 180 days after startup the permittee shall conduct performance test(s) and furnish a written report of the results of the test(s)</li> </ul>
60.11(a),(b),(c), (d) and (g)	Compliance with Standards and Maintenance Requirements	<ul style="list-style-type: none"> <li>• Other than opacity standards, where performance tests are required compliance with standards is determined by methods and procedures established by 40 CFR 60.8.</li> <li>• Compliance with NSPS opacity standards shall be determined by Method 9 of Appendix A. The owner or operator may elect to use COM measurements in lieu of Method 9 provided notification is made at least 30 days before the performance test.</li> <li>• At all times, including periods of startup, shutdown, and malfunction to the extent practicable, the operator shall maintain and operate any affected facility and air pollution control equipment consistent with good air pollution control practices.</li> <li>• For the purposes of determining compliance with standards any creditable evidence may be used if the appropriate performance or compliance test procedure has been performed.</li> </ul>
60.12	Circumvention	No owner or operator shall build, erect, install or use any article or method, including dilution, to conceal an emission which would otherwise constitute a violation.
60.14	Modification	<ul style="list-style-type: none"> <li>• Physical or operational changes to source types that are regulated by a NSPS which result in an increase in hourly emissions to which a standard applies is considered a modification (unless expressly exempted the NSPS). Modified sources become subject to the NSPS standards</li> <li>• Note that in accordance with IDAPA 58.01.01.201 no owner or operator may commence a modification without first obtaining a permit to construct unless the modification is exempted from the need to obtain a permit in accordance with IDAPA 58.01.01.220-223.</li> </ul>

**[proposed][PTC No. P-2008.0057, 05/09/07; 40 CFR 60 Subpart A]**

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The following is a narrative description of the dryers that are regulated in this Tier I operating permit. This description is for informational purposes only.

The following process description is for Sections 4 and 5 of this permit.

Potato material is transferred from one process to another pneumatically. Baghouses are used to control particulate emissions from these processes. A list of the processes and the corresponding baghouses is shown in Table 1.1.

The flake line uses a processing peeler to peel potatoes. The potatoes are then processed and sent to the flakers. The potato material is then conveyed to grinding circuits No. 1 and No. 2. The material is then conveyed to the scratch-mash line, which consists of scratch-mash dryers and a scratch-mash baghouse. The starch line processes uncooked potato starch from the dehydration line and the flake line. The starch line emission source is the starch baghouse.

The dehydrated piece line cuts and dries potatoes using a steam peeler, five dryers with three stages each, and a bin dryer.

The crush line grinds off-spec potato material. Emission sources are through two crush-room baghouses.

The research and development line consists of a small processing line similar to the scratch-mash processing line. The emissions from the dehydration research dryer are ducted through a cyclone.

This section of the permit regulates the dryers, which have emissions from both fuel burning and potato particulate.

The emissions from the dryers are uncontrolled.

**Table 4.1 DRYER DESCRIPTIONS**

<b>Emissions Unit / Process</b>
Scratch-Mash Dryers, Maxon 500/Carrier, 5.5 MMBtu/hr And 1,800 lb/hr output
Dehydration air dryer No. 1 A Stage, Proctor, 6.4 MMBtu/hr, 1,000 lb/hr output
Dehydration air dryer No. 1 B & C Stage, Proctor, 2.8 MMBtu/hr, 1,000 lb/hr output
Dehydration air dryer No. 2 A Stage, Proctor, 6.4 MMBtu/hr, 1,000 lb/hr output
Dehydration air dryer No. 2 B & C Stage, Proctor, 2.8 MMBtu/hr, 1,000 lb/hr output
Dehydration air dryer No. 3 A stage, Proctor, 6.4 MMBtu/hr, 1,000 lb/hr output
Dehydration air dryer No. 3 B & C stage, Proctor, 2.8 MMBtu/hr, 1,000 lb/hr output
Dehydration air dryer No. 4 A stage, Proctor, 4.77 MMBtu/hr, 750 lb/hr output
Dehydration air dryer No. 4 B stage, Proctor, 0.33 MMBtu/hr, 750 lb/hr output
Dehydration air dryer No. 4 C stage, Proctor, 0.3 MMBtu/hr, 750 lb/hr output
Dehydration air dryer No. 5 A stage, National, 10.4 MMBtu/hr, 1,200 lb/hr output
Dehydration air dryer No. 5 B stage, National, 3.2 MMBtu/hr, 1,200 lb/hr output
Dehydration air dryer No. 5 C stage, National, 3.3 MMBtu/hr, 1,200 lb/hr output
Dehydration bin dryer, Nonpareil, 1,000 lb/hr output, heat from steam
Dehydration research dryer, Carrier, 0.88 MMBtu/hr, 125 lb/hr output

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Table 4.2 contains only a summary of the requirements that apply to the dryers. Specific permit requirements are listed below Table 4.2.

**Table 4.2 APPLICABLE REQUIREMENTS SUMMARY**

Permit Conditions	Affected Units	Parameter	Permit Limit/ Standard Summary	Applicable Requirements Reference	Monitoring and Recordkeeping Requirements
4.1	Any stack or dryer	PM <sub>10</sub> emissions	Refer to Table 6.2 for limits in lb/hr and T/yr <sup>c</sup>	PTC No. P-2008.0057 <sup>a</sup>	4.4
4.2	Throughput	Potato material throughput	Refer to Table 4.3 for limits in T/day and T/yr	PTC No. P-2008.0057 <sup>a</sup>	4.4
4.3	No. 5B dehydration dryer, No. 5C dehydration dryer, and dehydration bin dryer	Stack height	41 ft 4 inches, prior to combusting fuel oil	PTC No. P-2008.0057 <sup>a</sup>	4.3

- a. Permit to Construct No. P-2008.0057 issued June 13, 2008 supersedes all previous permits to construct
- b. pounds per any consecutive 12-calendar month period
- c. tons per any consecutive 12-calendar month period.

### ***Emissions Limits***

#### **4.1 Emission Limits**

The PM<sub>10</sub> emissions from any stack or dryer listed in Table 6.2 shall not exceed the corresponding emissions rate limits listed in Table 6.2 of this permit.

**[proposed][PTC No. P-2008.0057, 05/09/07]**



**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-2008.0077****Permittee:** Nonpareil Corporation  
**Location:** Blackfoot, Idaho**Facility ID No. 011-00027*****Operating Requirements*****4.2 Throughput Limits**

The maximum daily throughput of potato material on a dry basis for each process identified in Table 4.3 shall not exceed the corresponding daily limits listed in Table 4.3. Daily throughput data shall be compiled monthly. The maximum annual throughput of potato material on a dry basis for each process identified in Table 4.3 shall not exceed the corresponding annual limits listed in Table 4.3 in any consecutive 12-month period.

**Table 4.3 THROUGHPUT LIMITS**

Source Description	Throughput Limit Tons per Day	Throughput Limit Tons per Year
Scratch-mash dryers, Maxon 500/Carrier	22	8030
Dehydration air dryer No. 1 A stage, Proctor	12	4380
Dehydration air dryer No. 1 B & C stage, Proctor	12	4380
Dehydration air dryer No. 2 A stage, Proctor	12	4380
Dehydration air dryer No. 2 B & C stage, Proctor	12	4380
Dehydration air dryer No. 3 A stage, Proctor	12	4380
Dehydration air dryer No. 3 B & C stage, Proctor	12	4380
Dehydration air dryer No. 4 A stage, Proctor	9	3285
Dehydration air dryer No. 4 B stage, Proctor	9	3285
Dehydration air dryer No. 4 C stage, Proctor	9	3285
Dehydration air dryer No. 5 A stage, National	14.4	5256
Dehydration air dryer No. 5 B stage, National	14.4	5256
Dehydration air dryer No. 5 C stage, National	14.4	5256
Dehydration bin dryer, Nonpareil, heat from steam	12	4380
Dehydration research dryer, Carrier	1.5	548

**[proposed][PTC No. P-2008.0057, 05/09/07]****4.3 Stack Height**

The height of each exhaust stack for the No. 5B dehydration dryer, the No. 5C dehydration dryer, and the dehydration bin dryer shall be at least 41 feet 4 inches, as measured from the ground level elevation.

**[proposed][PTC No. P-2008.0057, 05/09/07]*****Monitoring and Recordkeeping Requirements*****4.4 Monitor Operating Parameters**

The permittee shall monitor and record, when operating, the throughput on a dry basis of each of the sources listed in Table 4.3 in tons per day and tons per any consecutive 12-month period. A compilation of the most recent five years of records shall be kept onsite and shall be made available to DEQ representatives upon request.

**[proposed][PTC No. P-2008.0057, 05/09/07]**

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<b>Location:</b>	<b>Blackfoot, Idaho</b>

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**5. MATERIAL TRANSFER OPERATIONS, FLAKERS, AND PEELERS*****Summary Description***

The following is a narrative description of the transfer operations, flakers, and peelers that are regulated in this Tier I operating permit. This description is for informational purposes only.

The process description is written in Section 4 of this permit.

This section regulates potato material transfer operations, flakers, and peelers, which have potato particulate emissions and no emissions from fuel combustion.

Particulate emissions from the transfer operations are controlled by baghouses as listed in Table 5.1. All other emissions are uncontrolled.

**Table 5.1 EMISSIONS UNITS AND EMISSIONS CONTROL DEVICES**

<b>Emissions Unit / Process</b>	<b>Emissions Control Device</b>
Scratch-mash material transfer	Scratch-mash baghouse, Mikropulsaire, 36 bag, 2,500 cfm
Processing peeler exhaust, Odenberg, 5,000 lb/hr output	
Flaker No. 1, Blau-Knox, 1,250 lb/hr output	
Flaker No. 2, Blau-Knox, 1,250 lb/hr output	
Flaker No. 3, Blau-Knox, 1,000 lb/hr output	
Flaker No. 4, Blau-Knox, 1,000 lb/hr output	
Flaker No. 5, Blau-Knox, 1,000 lb/hr output	
Grinding circuit No. 1 material transfer	Grinding circuit No. 1 baghouse, Mikropulsaire, 36 Bag, 2,500 Cfm
Starch plant material transfer	Starch plant baghouse, Mikropulsaire, 72 bag, 5,000 cfm
Grinding circuit No. 2 material transfer	Grinding circuit No. 2 baghouse, Mikropulsaire, 48 bag, 3,360 cfm
Flake material transfer	Flake baghouse, Mikropulsaire, 100 bag, 7,000 cfm
Packaging material transfer	Packaging baghouse No. 1, Mikropulsaire, 9 Bag, 630 cfm
Packaging material transfer	Packaging baghouse No. 2, Mikropulsaire, 25 bag, 1,750 cfm
Crush-room material transfer	Crush-room baghouse No. 1, Mikropulsaire, 9 bag, 630 cfm
Crush-room material transfer	Crush-room baghouse No. 2, Mikropulsaire, 25 bag, 1,750 cfm
Dehydration steam peeler, Odenberg, 5,000 lb/hr output	

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Table 5.2 contains only a summary of the requirements that apply to the material transfer operations, flakers, and peelers. Specific permit requirements are listed below Table 5.2.

**Table 5.2 APPLICABLE REQUIREMENTS SUMMARY**

Permit Conditions	Affected Units	Parameter	Permit Limit/ Standard Summary	Applicable Requirements Reference	Monitoring and Recordkeeping Requirements
5.1	Any stack, baghouse, flaker, peeler, or cyclone	PM <sub>10</sub> emissions	Refer to Table 6.2 for limits in lb/hr and T/yr <sup>c</sup>	PTC No. P-2008.0057 <sup>a</sup>	5.3
5.2	Flaker and snifter stacks	Stack height (combined)	54 ft (combined) prior to combusting fuel oil	PTC No. P-2008.0057 <sup>a</sup>	5.2
5.3	Throughput	Potato material throughput	Refer to Table 5.3 for limits in T/day and T/yr	PTC No. P-2008.0057 <sup>a</sup>	5.6
5.4, 5.5	Baghouse	Proper operation and pressure drop	O&M	PTC No. P-2008.0057 <sup>a</sup>	5.7

- a. Permit to Construct No. P-2008.0057 issued June 13, 2008 supersedes all previous permits to construct
- b. pounds per any consecutive 12-calendar month period
- c. tons per any consecutive 12-calendar month period.

### ***Emissions Limits***

#### **5.1 Emission Limits**

The PM<sub>10</sub> emissions from any stack, baghouse, flaker, peeler, or cyclone listed in Table 6.2 shall not exceed the corresponding emissions rate limits listed in Table 6.2 of this permit.

**[proposed][PTC No. P-2008.0057, 05/09/07]**

### ***Operating Requirements***

#### **5.2 Stack Heights**

Prior to combusting any type of fuel oil in the east and west boilers, all flaker and snifter stacks shall be combined, and the combined stack shall be at least 54 feet as measured from the ground level elevation.

**[proposed][PTC No. P-2008.0057, 05/09/07]**

**AIR QUALITY TIER I OPERATING PERMIT NUMBER: T1-2008.0077****Permittee:** Nonpareil Corporation**Location:** Blackfoot, Idaho**Facility ID No. 011-00027****5.3 Throughput Limits**

The maximum daily throughput of potato material on a dry basis for each process identified in Table 5.3 shall not exceed the corresponding daily limits listed in Table 5.3. Daily throughput data shall be compiled monthly. The maximum annual throughput of potato material on a dry basis for each process identified in Table 5.3 shall not exceed the corresponding annual limits listed in Table 5.3 in any consecutive 12-month period.

**Table 5.3 THROUGHPUT LIMITS**

Source Description	Throughput Limit Tons per Day	Throughput Limit Tons per Year
Processing peeler exhaust, Odenberg	60	21,900
Flaker Nos. 1 - 5, Blau-Knox	66	24,090
Dehydration steam peeler, Odenberg	60	21,900

**[proposed][PTC No. P-2008.0057, 05/09/07]****5.4 Baghouse Use Requirement**

The particulate emissions from each material transfer operation identified in Table 5.1 shall be controlled by the corresponding, properly operating baghouse at all times while the material transfer process is in operation.

**[proposed][PTC No. P-2008.0057, 05/09/07]****5.5 Baghouse Pressure Drop**

The permittee shall install, calibrate, maintain, and operate, in accordance with manufacturer specifications, equipment to measure the pressure differential across each air pollution control device.

The pressure drop across each baghouse shall be maintained within manufacturer and Operation and Maintenance (O&M) manual specifications. Documentation of the operating pressure drop specifications for each baghouse shall remain onsite at all times and shall be made available to DEQ representatives upon request.

The pressure drop reading across each baghouse shall be monitored and recorded once per week when operating. A compilation of the most recent five years of records shall be kept onsite and shall be made available to DEQ representatives upon request.

**[proposed][PTC No. P-2008.0057, 05/09/07]*****Monitoring and Recordkeeping Requirements*****5.6 Monitor Operating Parameters**

The permittee shall monitor and record, when operating, the throughput on a dry basis of each of the sources listed in Table 5.3 in tons per day and tons per any consecutive 12-month period. A compilation of the most recent five years of records shall be kept onsite and shall be made available to DEQ representatives upon request.

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5.7 Operations and Maintenance Manual Requirements

The permittee shall have developed an O&M manual for the following baghouses: scratch-mash baghouse, grinding circuit No. 1 baghouse, starch-plant baghouse, grinding circuit No. 2 baghouse, flake baghouse, packaging baghouse No. 1, packaging baghouse No. 2, crush-room baghouse No. 1, and crush-room baghouse No. 2. The O&M manual shall describe the procedures that will be followed to comply with General Provision 2 and the manufacturer specifications for the baghouse. The manual shall contain, at a minimum, requirements for monthly inspections of the baghouse during each month of operation. The inspections shall include but not be limited to checking the bags for structural integrity and that they are appropriately secured in place. The manual shall remain on site at all times and shall be made available to DEQ representatives upon request.

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## 6. SUMMARY OF EMISSION RATE LIMITS

**Table 6.1 BOILER EMISSION LIMITS**

Source Description	PM <sub>10</sub>		SO <sub>2</sub>	Nickel
	lb/hr	T/yr	T/yr	lb/yr
Processing east and boilers, combined emissions from both boilers	5.52	21.01	248.02	175

[proposed][PTC No. P-2008.0057, 05/09/07]

**Table 6.2 PM<sub>10</sub> EMISSION LIMITS**

Source Description	PM <sub>10</sub> <sup>c</sup>	
	lb/hr	T/yr
Scratch-mash dryers	2.56	11.2
Scratch-mash air makeup	0.038	0.16
Reblend room air makeup	0.008	0.03
Building No. 3 air makeup	0.023	0.10
Building No. 4 air makeup	0.075	0.33
Processing peeler exhaust	0.16	0.7
Flaker Nos. 1 – 5	16.7	73.11
Dehydration north boiler	0.075	0.34
Dehydration south boiler	0.026	0.27
Dehydration air dryer No. 1 A stage	1.47	6.4
Dehydration air dryer No. 1 B & C stage	0.65	2.8
Dehydration air dryer No. 2 A stage	1.47	6.4
Dehydration air dryer No. 2 B & C stage	0.65	2.8
Dehydration air dryer No. 3 A stage	1.47	6.4
Dehydration air dryer No. 3 B & C stage	0.65	2.8
Dehydration air dryer No. 4 A stage	1.10	4.8
Dehydration air dryer No. 4 B stage	0.47	2.1
Dehydration air dryer No. 4 C stage	0.47	2.1
Dehydration air dryer No. 5 A stage	1.78	7.8
Dehydration air dryer No. 5 B stage	0.77	3.4
Dehydration air dryer No. 5 C stage	0.77	3.4
Dehydration bin dryer	0.63	2.8
Wet area air makeup	0.026	0.11
South dryer room air makeup	0.038	0.16
South dryer room roof air makeup	0.038	0.16
Inspection room roof air makeup	0.026	0.11
Dehydration research dryer	0.182	0.8
Dehydration steam peeler	0.16	0.7
<b>Total</b>	<b>32.53</b>	<b>142.3</b>

<sup>a</sup>As determined by a pollutant-specific EPA reference method, a DEQ-approved alternative, or as determined by DEQ's emissions estimation methods used in this permit analysis.

<sup>b</sup>As determined by multiplying the actual or allowable (if actual is not available) pound per hour emission rate by the allowable hours per year that the process(es) may operate(s), or by actual annual production rates.

<sup>c</sup>Includes condensibles

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## 7. INSIGNIFICANT ACTIVITIES

Activities and emission units identified as insignificant under IDAPA 58.01.01.317.01.b.i.(5) are listed in Table 7.1 to qualify for a permit shield.

**Table 7.1 INSIGNIFICANT ACTIVITIES**

<b>Insignificant Emission Point No.</b>	<b>Identification</b>	<b>Quantity</b>	<b>Description</b>
<b>CORPORATE OFFICE</b>			
1	Furnace	5	Carrier Weathermaker 9200 natural gas-fired furnaces (100,000 Btu/hr)
2	Water Heater	1	Paloma Instantaneous natural gas-fired water heater (178,000 Btu/hr)
<b>IDAHO POTATO PACKERS</b>			
3	Space Heater	8	Modine gas-fired space heaters (75,000 Btu/hr)
4	Space Heater	4	Modine gas-fired space heaters (150,000 Btu/hr)
5	Furnace	2	Carrier Weathermaker 9200 natural gas-fired furnaces (100,000 Btu/hr)
<b>NONPAREIL DEHYDRATED</b>			
6	Furnace	2	Carrier Weathermaker 9200 natural gas-fired furnaces (100,000 Btu/hr)
<b>NONPAREIL PROCESSING</b>			
7	Space heaters	1	Modine Knife Room space heater (75,000 Btu/hr)
8	Space heaters	1	Modine Receiving space heater (75,000 Btu/hr)
9	Space heaters	1	Modine Potato Receiving space heater (75,000 Btu/hr)
10	Space heaters	1	Modine Machine Shop space heater (100,000 Btu/hr)
11	Space heaters	1	Modine Starch Plant space heater (150,000 Btu/hr)
12	Space heaters	1	Modine Waste Plant space heater (150,000 Btu/hr)

- 12.1 There are no monitoring, recordkeeping, or reporting requirements for insignificant emission units or activities beyond those required in the Facility-wide Permit Conditions.

**[proposed][IDAPA 58.01.01.317.01.b.i, 3/23/98]**

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## 8. TIER I OPERATING PERMIT GENERAL PROVISIONS

### *General Compliance*

1. The permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or for denial of a permit renewal application.  
[IDAPA 58.01.01.322.15.a, 5/1/94; 40 CFR 70.6(a)(6)(i)]
2. It shall not be a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the terms and conditions of this permit.  
[IDAPA 58.01.01.322.15.b, 5/1/94; 40 CFR 70.6(a)(6)(ii)]
3. Any permittee who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information.  
[IDAPA 58.01.01.315.01, 5/1/94; 40 CFR 70.5(b)]

### *Reopening*

4. This permit may be revised, reopened, revoked and reissued, or terminated for cause. Cause for reopening exists under any of the circumstances listed in IDAPA 58.01.01.386. Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable in accordance with IDAPA 58.01.01.360 through 369.  
[IDAPA 58.01.01.322.15.c, 5/1/94; IDAPA 58.01.01.386, 3/19/99; 40 CFR 70.7(f)(1), (2); 40 CFR 70.6(a)(6)(iii)]
5. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.  
[IDAPA 58.01.01.322.15.d, 5/1/94; 40 CFR 70.6(a)(6)(iii)]

### *Property Rights*

6. This permit does not convey any property rights of any sort, or any exclusive privilege.  
[IDAPA 58.01.01.322.15.e, 5/1/94; 40 CFR 70.6(a)(6)(iv)]

### *Information Requests*

7. The permittee shall furnish all information requested by DEQ, within a reasonable time, that DEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit.  
[Idaho Code §39-108; IDAPA 58.01.01.122, 4/5/00; IDAPA 58.01.01.322.15.f, 4/5/00; 40 CFR 70.6(a)(6)(v)]



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8. Upon request, the permittee shall furnish to DEQ copies of records required to be kept by this permit. For information claimed to be confidential, the permittee may furnish such records along with a claim of confidentiality in accordance with Idaho Code §9-342A and applicable implementing regulations including IDAPA 58.01.01.128.

[IDAPA 58.01.01.322.15.g, 5/1/94; IDAPA 58.01.01.128, 4/5/00; 40 CFR 70.6(a)(6)(v)]

### ***Severability***

9. The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

[IDAPA 58.01.01.322.15.h, 5/1/94; 40 CFR 70.6(a)(5)]

### ***Changes Requiring Permit Revision or Notice***

10. The permittee may not commence construction or modification of any stationary source, facility, major facility, or major modification without first obtaining all necessary permits to construct or an approval under IDAPA 58.01.01.213, or complying with IDAPA 58.01.01.220 through 223. The permittee shall comply with IDAPA 58.01.01.380 through 386 as applicable.

[IDAPA 58.01.01.200-223, 4/6/05; IDAPA 58.01.01.322.15.i, 3/19/99; IDAPA 58.01.01.380-386, 7/1/02; 40 CFR 70.4(b)(12), (14), (15), and 70.7(d), (e)]

11. Changes that are not addressed or prohibited by the Tier I operating permit require a Tier I operating permit revision if such changes are subject to any requirement under Title IV of the CAA, 42 U.S.C. Section 7651 through 7651c, or are modifications under Title I of the CAA, 42 U.S.C. Section 7401 through 7515. Administrative amendments (IDAPA 58.01.01.381), minor permit modifications (IDAPA 58.01.01.383), and significant permit modifications (IDAPA 58.01.01.382) require a revision to the Tier I operating permit. IDAPA 58.01.01.502(b)(10) changes are authorized in accordance with IDAPA 58.01.01.384. Off-permit changes and required notice are authorized in accordance with IDAPA 58.01.01.385.

[IDAPA 58.01.01.381-385, 7/1/02; IDAPA 58.01.01.209.05, 4/5/00; 40 CFR 70.4(b)(14) and (15)]

### ***Federal and State Enforceability***

12. Unless specifically identified as a “State-only” provision, all terms and conditions in this permit, including any terms and conditions designed to limit a source’s potential to emit, are enforceable: (i) by DEQ in accordance with state law; and (ii) by the United States or any other person in accordance with federal law.

[IDAPA 58.01.01.322.15.j, 5/1/94; 40 CFR 70.6(b)(1) and (2)]

13. Provisions specifically identified as a “State-only” provision are enforceable only in accordance with state law. “State-only” provisions are those that are not required under the Federal Clean Air Act or under any of its applicable requirements or those provisions adopted by the state prior to federal approval.

[Idaho Code §39-108; IDAPA 58.01.01.322.15.k, 3/23/98]

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### ***Inspection and Entry***

14. Upon presentation of credentials, the permittee shall allow DEQ or an authorized representative of DEQ to do the following:
- Enter upon the permittee's premises where a Tier I source is located or emissions related activity is conducted, or where records are kept under conditions of this permit;
  - Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;
  - Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
  - As authorized by the Idaho Environmental Protection and Health Act, sample or monitor, at reasonable times, substances or parameters for the purpose of determining or ensuring compliance with this permit or applicable requirements.

**[Idaho Code §39-108; IDAPA 58.01.01.322.15.i, 5/1/94; 40 CFR 70.6(c)(2)]**

### ***New Requirements During Permit Term***

15. The permittee shall comply with applicable requirements that become effective during the permit term on a timely basis.

**[IDAPA 58.01.01.322.10, 4/6/05; IDAPA 58.01.01.314.10.a.ii, 5/1/94; 40 CFR 70.6(c)(3) citing 70.5(c)(8)]**

### ***Fees***

16. The owner or operator of a Tier I source shall pay annual registration fees to DEQ in accordance with IDAPA 58.01.01.387 through IDAPA 58.01.01.397.

**[IDAPA 58.01.01.387, 4/2/03; 40 CFR 70.6(a)(7)]**

### ***Certification***

17. All documents submitted to DEQ shall be certified in accordance with IDAPA 58.01.01.123 and comply with IDAPA 58.01.01.124.

**[IDAPA 58.01.01.322.15.o, 5/1/94; 40 CFR 70.6(a)(3)(iii)(A); 40 CFR 70.5(d)]**

### ***Renewal***

18. a. The owner or operator of a Tier I source shall submit an application to DEQ for a renewal of this permit at least six months before, but no earlier than 18 months before, the expiration date of this operating permit. To ensure that the term of the operating permit does not expire before the permit is renewed, the owner or operator is encouraged to submit a renewal application nine months prior to the date of expiration.

**[IDAPA 58.01.01.313.03, 4/5/00; 40 CFR 70.5(a)(1)(iii)]**

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- b. If a timely and complete application for a Tier I operating permit renewal is submitted, but DEQ fails to issue or deny the renewal permit before the end of the term of this permit, then all the terms and conditions of this permit including any permit shield that may have been granted pursuant to IDAPA 58.01.01.325 shall remain in effect until the renewal permit has been issued or denied.  
**[IDAPA 58.01.01.322.15.p, 5/1/94; 40 CFR 70.7(b)]**

### ***Permit Shield***

19. Compliance with the terms and conditions of the Tier I operating permit, including those applicable to all alternative operating scenarios and trading scenarios, shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that:
- Such applicable requirements are included and are specifically identified in the Tier I operating permit; or
    - DEQ has determined that other requirements specifically identified are not applicable and all of the criteria set forth in IDAPA 58.01.01.325.01(b) have been met.
  - The permit shield shall apply to permit revisions made in accordance with IDAPA 58.01.01.381.04 (administrative amendments incorporating the terms of a permit to construct), IDAPA 58.01.01.382.04 (significant modifications), and IDAPA 58.01.01.384.03 (trading under an emissions cap).
  - Nothing in this permit shall alter or affect the following:
    - Any administrative authority or judicial remedy available to prevent or terminate emergencies or imminent and substantial dangers;
    - The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
    - The applicable requirements of the acid rain program, consistent with 42 U.S.C. Section 7651(g)(a); and
    - The ability of EPA to obtain information from a source pursuant to Section 114 of the CAA; or the ability of DEQ to obtain information from a source pursuant to Idaho Code §39-108 and IDAPA 58.01.01.122.

**[Idaho Code §39-108 and 112; IDAPA 58.01.01.122, 4/5/00;  
 IDAPA 58.01.01.322.15.m, 325.01, 5/1/94; IDAPA 58.01.01.325.02, 3/19/99;  
 IDAPA 58.01.01.381.04, 382.04, 383.05, 384.03, 385.03, 3/19/99; 40 CFR 70.6(f)]**

### ***Compliance Schedule and Progress Reports***

20.
  - For each applicable requirement for which the source is not in compliance, the permittee shall comply with the compliance schedule incorporated in this permit.
  - For each applicable requirement that will become effective during the term of this permit and that provides a detailed compliance schedule, the permittee shall comply with such requirements in accordance with the detailed schedule.
  - For each applicable requirement that will become effective during the term of this permit that does not contain a more detailed schedule, the permittee shall meet such requirements on a timely basis.

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- d. For each applicable requirement with which the permittee is in compliance, the permittee shall continue to comply with such requirements.  
**[IDAPA 58.01.01.322.10, 4/5/00; IDAPA 58.01.01.314.9, 5/1/94; IDAPA 58.01.01.314.10, 4/5/00; 40 CFR 70.6(c)(3) and (4)]**

### ***Periodic Compliance Certification***

21. The permittee shall submit compliance certifications during the term of the permit for each emissions unit to DEQ and the EPA as follows:
- a. The compliance certifications for all emissions units shall be submitted annually from January 1<sup>st</sup> to December 31<sup>st</sup> or more frequently if specified by the underlying applicable requirement or elsewhere in this permit by DEQ.
  - b. The initial compliance certification for each emissions unit shall address all of the terms and conditions contained in the Tier I operating permit that are applicable to such emissions unit including emissions limitations, standards, and work practices;
  - c. The compliance certification shall be in an itemized form providing the following information (provided that the identification of applicable information may cross-reference the permit or previous reports as applicable):
    - i. The identification of each term or condition of the Tier I operating permit that is the basis of the certification;
    - ii. The identification of the method(s) or other means used by the owner or operator for determining the compliance status with each term and condition during the certification period. Such methods and other means shall include, at a minimum, the methods and means required under Subsections 322.06, 322.07, and 322.08;
    - iii. The status of compliance with the terms and conditions of the Tier I operating permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification shall be based on the method or means designated in Subsection 322.11.c.ii. above. The certification shall identify each deviation and take it into account in the compliance certification. The certification shall also identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion or exceedance as defined under 40 CFR Part 64 occurred; and
    - iv. Such information as the Department may require to determine the compliance status of the emissions unit.
  - d. All original compliance certifications shall be submitted to DEQ and a copy of all compliance certifications shall be submitted to the EPA.  
**[IDAPA 58.01.01.322.11, 4/6/05; 40 CFR 70.6(c)(5)(iii) as amended, 62 Fed. Reg. 54900, 54946 (10/22/97); 40 CFR 70.6(c)(5)(iv)]**

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### ***False Statements***

22. No person shall knowingly make any false statement, representation, or certification in any form, notice, or report required under this permit, or any applicable rule or order in force pursuant thereto.  
[IDAPA 58.01.01.125, 3/23/98]

### ***No Tampering***

23. No person shall knowingly render inaccurate any monitoring device or method required under this permit or any applicable rule or order in force pursuant thereto.  
[IDAPA 58.01.01.126, 3/23/98]

### ***Semiannual Monitoring Reports***

24. In addition to all applicable reporting requirements identified in this permit, the permittee shall submit reports of any required monitoring at least every six months. The permittee's semiannual reporting periods shall be from January 1<sup>st</sup> to June 30<sup>th</sup> and July 1<sup>st</sup> to December 31<sup>st</sup>. All instances of deviations from this operating permit's requirements must be clearly identified in the report. The semiannual reports shall be submitted to DEQ within 30 days of the end of the specified reporting period.  
[IDAPA 58.01.01.322.15.q, 3/23/98; IDAPA 58.01.01.322.08.c, 4/5/00; 40 CFR 70.6(a)(3)(iii)]

### ***Reporting Deviations and Excess Emissions***

25. The permittee shall promptly report all deviations from permit requirements including upset conditions, their probable cause, and any corrective actions or preventive measures taken. For excess emissions, the report shall be made in accordance with IDAPA 58.01.01.130-136. For all other deviations, the report shall be made in accordance with IDAPA 58.01.01.322.08.c, unless otherwise specified in this permit.  
[IDAPA 58.01.01.322.15.q, 3/23/98; IDAPA 58.01.01.135, 4/5/00; 40 CFR 70.6(a)(3)(iii)]

### ***Permit Revision Not Required***

26. No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in the permit.  
[IDAPA 58.01.01.322.05.b, 4/5/00; 40 CFR 70.6(a)(8)]

### ***Emergency***

27. In accordance with IDAPA 58.01.01.332, an "emergency" as defined in IDAPA 58.01.01.008, constitutes an affirmative defense to an action brought for noncompliance with such technology-based emissions limitation if the conditions of IDAPA 58.01.01.332.02 are met.  
[IDAPA 58.01.01.332.01, 4/5/00; 40 CFR 70.6(g)]